

## SEQUENCE LISTING

<110> Toll, Lawrence R.  
Lincoln, Patrick Denis  
Karp, Peter  
Sonmez, Kemal

<120> BIOPOLYMER SEQUENCE COMPARISON

<130> 10454-017001

<150> 60/250,743

<151> 2000-12-01

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 187

<212> PRT

<213> Mus musculus

<400> 1

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Val	Phe	Ser	Ser	Cys	Pro	Arg	Asp	Cys	Leu	Thr	Cys	Gln	Glu	Lys	Leu
			20					25					30		
His	Pro	Ala	Pro	Asp	Ser	Phe	Asn	Leu	Lys	Thr	Cys	Ile	Leu	Gln	Cys
		35					40					45			
Glu	Glu	Lys	Val	Phe	Pro	Arg	Pro	Leu	Trp	Thr	Val	Cys	Thr	Lys	Val
	50					55				60					
Met	Ala	Ser	Gly	Ser	Gly	Gln	Leu	Ser	Pro	Ala	Asp	Pro	Glu	Leu	Val
65					70				75					80	
Ser	Ala	Ala	Leu	Tyr	Gln	Pro	Lys	Ala	Ser	Glu	Met	Gln	His	Leu	Lys
			85					90					95		
Arg	Met	Pro	Arg	Val	Arg	Ser	Leu	Val	Gln	Val	Arg	Asp	Ala	Glu	Pro
		100						105					110		
Gly	Ala	Asp	Ala	Glu	Pro	Gly	Ala	Asp	Ala	Glu	Pro	Gly	Ala	Asp	Asp
		115				120						125			
Ala	Glu	Glu	Val	Glu	Gln	Lys	Gln	Leu	Gln	Lys	Arg	Phe	Gly	Gly	Phe
	130				135					140					
Thr	Gly	Ala	Arg	Lys	Ser	Ala	Arg	Lys	Leu	Ala	Asn	Gln	Lys	Arg	Phe
145				150					155					160	
Ser	Glu	Phe	Met	Arg	Gln	Tyr	Leu	Val	Leu	Ser	Met	Gln	Ser	Ser	Gln
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Arg	Arg	Arg	Thr	Leu	His	Gln	Asn	Gly	Asn	Val					
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<210> 2

<211> 176

<212> PRT

<213> Homo sapiens

<400> 2

Met	Lys	Val	Leu	Leu	Cys	Asp	Leu	Leu	Leu	Leu	Ser	Leu	Phe	Ser	Ser
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Val	Phe	Ser	Ser	Cys	Gln	Arg	Asp	Cys	Leu	Thr	Cys	Gln	Glu	Lys	Leu
		20						25					30		
His	Pro	Ala	Leu	Asp	Ser	Phe	Asp	Leu	Glu	Val	Cys	Ile	Leu	Glu	Cys
		35					40					45			
Glu	Glu	Lys	Val	Phe	Pro	Ser	Pro	Leu	Trp	Thr	Pro	Cys	Thr	Lys	Val
	50					55					60				
Met	Ala	Arg	Ser	Ser	Trp	Gln	Leu	Ser	Pro	Ala	Ala	Pro	Glu	His	Val
65					70					75				80	
Ala	Ala	Ala	Leu	Tyr	Gln	Pro	Arg	Ala	Ser	Glu	Met	Gln	His	Leu	Arg
			85						90					95	
Arg	Met	Pro	Arg	Val	Arg	Ser	Leu	Phe	Gln	Glu	Gln	Glu	Glu	Pro	Glu
		100						105						110	
Pro	Gly	Met	Glu	Glu	Ala	Gly	Glu	Met	Glu	Gln	Lys	Gln	Leu	Gln	Lys
	115						120					125			
Arg	Phe	Gly	Gly	Phe	Thr	Gly	Ala	Arg	Lys	Ser	Ala	Arg	Lys	Leu	Ala
	130					135					140				
Asn	Gln	Lys	Arg	Phe	Ser	Glu	Phe	Met	Arg	Gln	Tyr	Leu	Val	Leu	Ser
145					150					155				160	
Met	Gln	Ser	Ser	Gln	Arg	Arg	Arg	Thr	Leu	His	Gln	Asn	Gly	Asn	Val
				165					170					175	